

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

(COMPLETE IF KNOWN)

Application Number	
Filing Date	
Group Art Unit	
Examiner	

Attorney Docket Number	3815/88
First Named Inventor	NAKAMURA

This declaration is (check one):

- ☐ submitted with initial filing;  
☒ submitted after initial filing;  
☐ a supplemental declaration.

This application is of the following type:

- ☒ utility;  
☐ design;  
☐ national stage of PCT;  
☐ divisional, continuation or  
 continuation-in-part.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### BASE STATION IN MOBILE COMMUNICATION SYSTEM

the specification of which: (check one)

☐ is attached hereto; or☐ was filed on \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_ and is/was amended on \_\_\_\_\_ (if applicable);

☒ was described and claimed in PCT International Application No. PCT/JP98/01786, filed on April 17, 1998 and was amended under PCT Article 19 on June 26, 1998 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby identify below, and where indicated claim foreign priority benefits under Title 35, United States Code §§ 119(a)-(d) or §§ 365(a)-(b) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America, filed within 12 months (6 months for design) prior to this application, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed (if any):

Foreign/PCT Application Number	Country	Filing Date (MM/DD/YYYY)	Priority	Claimed
116,192/1997	Japan	April 17, 1997	(X) Yes	( ) No
			( ) Yes	( ) No
			( ) Yes	( ) No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below (if any):

Provisional Application No.	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International Application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S./PCT Parent Application No.	Filing Date	Status (Patented, Pending, or Abandoned)
PCT/JP98/01786	April 17, 1998	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorney(s) or agent(s) with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Seth H. Ostrow, Reg. No. 37,410  
 Neal K. Feivelson, Reg. No. 41,740  
 Ivan M. Posey, Reg. No. 43,865

Louis J. Greco, Reg. No. 41,799  
 Anthony J. Natoli, Reg. No. 36,223  
 Larry Liberchuk, Reg. No. 40,352

Docket No. 3815/88

Direct all correspondence to:

Brown Raysman Millstein Felder & Steiner LLP  
120 West 45<sup>th</sup> Street  
New York, New York 10036

Direct all telephone calls to: (212) 944-1515

Full Name of Sole or First Inventor	Takehiro NAKAMURA		
Inventor's Signature	<i>Takehiro Nakamura</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	4-18-4-1103, Nobi, Yokosuka-shi, Kanagawa 239-0841, JAPAN		

Full Name of Second Joint Inventor	Junichiro HAGIWARA		
Inventor's Signature	<i>Junichiro HAGIWARA</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	Adorabure Kuriki #A-101, 2-35-3, Kuriki, Isogo-ku, Yokohama-shi, Kanagawa 235-0041, Japan		

Full Name of Third Joint Inventor	Etsuhiro NAKANO		
Inventor's Signature	<i>Etsuhiro Nakano</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	2-13-9, Tsuruma, Yamato-shi, Kanagawa 242-0004, Japan		

Full Name of Fourth Joint Inventor	Koji OHNO		
Inventor's Signature	<i>Koji Ohno</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	9-2-8-502, Sugita, Isogo-ku, Yokohama-shi, Kanagawa 235-0033, JAPAN		

(check one) Sheets containing additional joint inventors ( X ) are, ( ) are not attached hereto.

Full Name of Fifth Joint Inventor	Seizo ONOE		
Inventor's Signature	<i>Seizo Onoe</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	1974-21, Mutsuura-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0032, JAPAN		

Full Name of Sixth Joint Inventor	Akihiro HIGASHI		
Inventor's Signature	<i>Akihiro Higashi</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	#5-306, 2-1-3, Hayashi, Yokosuka-shi, Kanagawa 238-0315, JAPAN		

Full Name of Seventh Joint Inventor	Motoshi TAMURA		
Inventor's Signature	<i>Motoshi Tamura</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	4-18-2-101, Nobi, Yokosuka-shi, Kanagawa 239-0841, JAPAN		

Full Name of Eighth Joint Inventor	Masatomo NAKANO		
Inventor's Signature	<i>Masatomo Nakano</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	Urban-hites Doshida B-412, 43-2, Tana-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0064, Japan		

Full Name of Ninth Joint Inventor	Hiroshi KAWAKAMI		
Inventor's Signature	<i>Hiroshi Kawakami</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	4-18-2-203, Nobi, Yokosuka-shi, Kanagawa 239-0841, JAPAN		

Full Name of Tenth Joint Inventor	Hiroki MORIKAWA		
Inventor's Signature	<i>Hiroki Morikawa</i>	Date	December 13, 1999
Residence	Kanagawa, Japan	Citizenship	Japan
Post Office Address	Greenheights #102, 3-4-18, Nishikubo, Musashino-shi, Tokyo 180-0013, Japan		

EXPRESS MAILING LABEL NO. EL 733 591 260 US

PATENT APPLICATION  
Docket No: 15689.49

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Takehiro NAKAMURA et al.

Serial No.:

09/403,161

Filing Date:

January 31, 2000

Confirmation No.:

n/a

For:

BASE STATION APPARATUS OF MOBILE  
COMMUNICATION SYSTEM

)  
)  
)  
) Art Unit  
) 2734  
)  
)  
)  
)  
)  
)

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Honorable Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Sir:

The undersigned, Yoshitaro Shimanuki, declares: that he is the Intellectual Property Executive Manager of NTT DoCoMo, Inc., and that he is authorized to execute this Revocation and Substitute Power of Attorney on behalf of NTT DoCoMo, Inc.; and that NTT DoCoMo, Inc. is the assignee of the entire interest of the above-identified application, as shown by the assignment recorded in the United States Patent Office at Reel 011095, Frame 0605, a copy of said assignment is attached at Exhibit A hereto; and the name change document filed October 23, 2002, a copy of said document is attached at Exhibit B hereto; and that the attached documents have been reviewed by him, and to the best of his knowledge and belief title is in the assignee NTT DoCoMo, Inc. The assignee, NTT DoCoMo, Inc., hereby revokes all previous powers of attorney in the above-identified application, and now hereby appoints all attorneys under customer number:



022913

PATENT TRADEMARK OFFICE

of WORKMAN, NYDEGGER & SEELEY, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, as attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith. The declarant further declares that all statements made herein of his own knowledge are true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon. All correspondence and telephonic communications should be directed to:

ADRIAN J. LEE  
WORKMAN, NYDEGGER & SEELEY  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

All previous powers of attorney are hereby revoked.

Signed this 30 day of September, 2002.



---

Yoshitaro Shimanuki  
Intellectual Property Executive Manager  
NTT DoCoMo, Inc.  
11-1, Nagatacho 2-Chome  
Chiyoda-Ku  
Tokyo 100-6150, Japan